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121	Application Number	10/519,521		
* TAJERINSMITTAL	Filing Date	Dec. 23, 2004		
FORM	First Named Inventor	Kyu-Seung CHOI		
(to be used for all correspondence after initial filing)	Art Unit	1742		
	Examiner Name			
Total Number of Pages in This Submission	Attorney Docket Number	1455-045724		

ENCLOSURES (Check all that apply)									
☐ Fee Transmittal Form ☐ Fee Attached		□ Drawing(s) □ Licensing-related Papers			After Allowance communication to Technology Center (TC)				
☐ Amendment/			Petition		Appeal Communication to Board of Appeals and Interferences				
☐ After Final	,		Petition to Convert to a Provisional Application		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)				
☐ Affidavits/d	eclaration(s) Time Request		Power of Attorney, Revocation Change of Correspondence Address		Proprietary Information				
	ndonment Request		Terminal Disclaimer		Status Letter				
☐ Information Disclosure Statement		☐ Request for Refund			Other Enclosure(s) (please identify below)				
☐ Certified Cop	y of Priority Documents		CD, Number of CD(s)						
☐ Response to Incomplete A	Missing Parts/ opplication	li ve	nains,						
	e to Missing Parts CFR 1.52 or 1.53								
	SIGNATU	RE C	OF APPLICANT, ATTORNEY, OR A	AGE	NT				
Firm or Individual name	Kent E. Baldauf The Webb Law Firm		_						
Signature	But & Sal	ld.	and						
Date	September 6, 2005	<del>-</del>	7						
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## CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Diane Paull Signature Date 09-06-2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Appl. No. 10/519,521 IDS dated 09-06-2005 Attorney Docket No. 1455-045724

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/519,521

Confirmation No. 2498

Applicants

Filed Title

Kyu-Seung CHOI et al.

December 23, 2004

Method for Manufacturing High Silicon Grain-Oriented Electrical

Steel Sheet with Superior Core Loss Property

**Art Unit** 

Examiner

Customer No.

28289

1742

## INFORMATION DISCLOSURE STATEMENT TRANSMITTED BEFORE MAILING OF FIRST OFFICE ACTION

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08A. No copies of the United States patents are enclosed.

The Japanese references and U.S. 3,423,253 are cited on pages 3 and 4 of the instant specification. Copies of the Japanese references are enclosed herewith, along with an English-language Abstract thereof. Reference JP 62-103321, cited on page 3 of the application, is equivalent to U.S. Patent No. 4,773,948, and Japanese reference JP S62-227078, cited on page 4 of the application, is equivalent to U.S. Patent No. 5,089,061.

Prior art references cited in the International Search Report in a corresponding PCT application are also cited herein. The Notification of Acceptance of Application indicates that copies of these prior art references have been received. Therefore, no copies of these references are provided herein. The relevance of these references is set forth in the International Search Report as "A" category documents, namely, not of particular relevance. A copy of the International Search Report is enclosed for the Examiner's convenience.

> I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on September 6, 2005. Diane Paull (Name of Person Mailing Document) Date

Appl. No. 10/519,521 IDS dated 09-06-2005 Attorney Docket No. 1455-045724

No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650. This Information Disclosure Statement is submitted in duplicate.

Respectfully submitted,

THE WEBB LAW FIRM

Kent E. Baldauf

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Pittsburgh, PA 15219-1845 Telephone: 412-471-8815 Facsimile: 412-471-4094

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form	1449A/PTO						
				Complete if Known			
INFORM	1ATION D	DISCLOS	URE	Application Number	10/519,521		
STATEM	MENT BY	APPLIC.	ΔΝΤ	Filing Date	Dec. 23, 2004		
OIAIEN		A   L   L   O		First Named Inventor	Kyu-Seung CHOI		
(use a	s many sheets as nec	essary)		Group Art Unit	1742		
·				Examiner Name			
Sheet	1	of	2	Attorney Docket Number	1455-045724		

				U.S. PATENT DOCUM	ENTS	
Examiner Initials*	Cite No. <sup>1</sup>			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant
						Figures Appear
		3,423,253	B1	Ames et al.	01-21-1969	
		4,904,500	B1	Krutenat	02-27-1990	
		4,773,948	B1	Nakaoka et al.	09-27-1988	
		5,089,061	B1	Abe et al.	02-18-1992	· · · · · · · · · · · · · · · · · · ·
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Examiner	Cite	Foreign Patent Document			Name of Patentee or	Date of Publication	Pages, Columns, Lines,	Г
Initials	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>	Applicant of Cited Document	of Cited Document	Where Relevant Passages or Relevant Figures Appear	T6
		JP(1981	) 56-003625	Α	Tsuya Noboru	Jan. 14, 1981	English Abstract attached	
		JP(1987	) 62-103321	Α	Nippon Kokan KK	May 13, 1987	U.S. equivalent 4,773,948	
		JP(1993	) 05-171281	Α	Sumitomo Metal	July 9, 1993	English Abstract attached	
		JP(1987	) 62-227078	Α	Nippon Kokan KK	Oct. 6, 1987	U.S. equivalent 5,089,061	
		JP(1987	) 62-96615	Α	Nippon Steel Corp	May 6, 1987	English Abstract attached	
-		KR	19-1997-0043180	B1	POSCO	July 26, 1997		
		KR	10-1991-0012276	B1	POSCO	Aug. 7, 1991		
		KR	10-1995-0014332	B1	POSCO	June 15, 1995		

Examiner	Date
Signature	Considered

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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1449A/PTO						
			Complete	Complete if Known		
IATION D	DISCLOS	URE	Application Number	10/519,521		
IENT BY	APPLIC.	ΔNT	Filing Date	Dec. 23, 2004		
	A . L . L . C		First Named Inventor	Kyu-Seung CHOI		
s many sheets as nec	essary)		Group Art Unit	1742		
			Examiner Name			
2	of	2	Attorney Docket Number	1455-045724		
	IATION D	IATION DISCLOS MENT BY APPLIC s many sheets as necessary)	IATION DISCLOSURE MENT BY APPLICANT s many sheets as necessary)	Complete Application Number Filing Date First Named Inventor Group Art Unit Examiner Name		

	_	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Patent Abstracts of Japan, JP62096615, published May 6, 1987, entitled "Manufacture of Grain Oriented Electrical Sheet Superior in Magnetic Characteristic and Less in Ear Cracking at Hot Rolling", Applicant: Nippon Steel Corp	
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Examiner		Date	

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<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.